

Title (en)
FLAME SIMULATING ASSEMBLY

Title (de)
VORRICHTUNG ZUM SIMULIEREN VON FLAMMEN

Title (fr)
ENSEMBLE SIMULATEUR DE FLAMMES

Publication
EP 1313987 B1 20051116 (EN)

Application
EP 01966901 A 20010829

Priority
• CA 0101240 W 20010829
• US 64904300 A 20000829
• US 83743401 A 20010419

Abstract (en)
[origin: US2002023376A1] A flame simulating assembly is provided having a simulated fuel bed, a light source, and a screen having a partially reflective front surface disposed behind the simulated fuel bed for reflecting an image of the simulated fuel bed and for transmitting light from the light source through the partially reflective front surface so that an image of flames is transmitted through the partially reflective front surface. The flame simulating assembly also includes a static reflector disposed in front of the simulated fuel bed and having an inner surface disposed opposite an outer surface. The inner surface is disposed adjacent to the simulated fuel bed and has a static reflective surface thereon. The static reflective surface is positioned for reflecting light from the light source onto the simulated fuel bed to simulate burning embers.

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F24C 7/00

IPC 8 full level
F24C 7/00 (2006.01); **G09F 19/12** (2006.01)

CPC (source: EP US)
F24C 7/004 (2013.01 - EP US); **G09F 19/12** (2013.01 - EP US)

Cited by
GB2619258A; US7770312B2; US10024507B2; US10352517B2; US10578264B2; US10788179B2; US10808899B2

Designated contracting state (EPC)
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US 2002023376 A1 20020228; **US 6615519 B2 20030909**; AT E310212 T1 20051215; AU 8744501 A 20020313; CA 2412074 A1 20020307; CA 2412074 C 20090324; CN 1461398 A 20031210; CN 1461398 B 20100428; DE 60115060 D1 20051222; DE 60115060 T2 20060803; EP 1313987 A2 20030528; EP 1313987 B1 20051116; US 2003110671 A1 20030619; WO 0218841 A2 20020307; WO 0218841 A3 20020906; WO 0218841 A9 20020530

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